

PCT REQUEST

RJW/6170203

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0	For receiving Office use only	
0-1	International Application No.	
0-2	International Filing Date	
0-3	Name of receiving Office and "PCT International Application"	
0-4	Form - PCT/RO/101 PCT Request	
0-4-1	Prepared using	PCT-EASY Version 2.92 (updated 01.07.2003)
0-5	Petition The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty	
0-6	Receiving Office (specified by the applicant)	United Kingdom Patent Office (RO/GB)
0-7	Applicant's or agent's file reference	RJW/6170203
I	Title of invention	FUEL CELL ELECTRODE
II	Applicant	
II-1	This person is:	applicant only
II-2	Applicant for	all designated States except US
II-4	Name	NEWCASTLE UNIVERSITY VENTURES LIMITED
II-5	Address:	Central Square South Orchard Street Newcastle upon Tyne, Tyne and Wear NE1 3XX United Kingdom
II-6	State of nationality	GB
II-7	State of residence	GB
III-1	Applicant and/or inventor	
III-1-1	This person is:	applicant and inventor
III-1-2	Applicant for	US only
III-1-4	Name (LAST, First)	SCOTT, Keith
III-1-5	Address:	School of Chemical Engineering and Advanced Materials University of Newcastle upon Tyne Newcastle upon Tyne, Tyne and Wear NE1 7RU United Kingdom
III-1-6	State of nationality	GB
III-1-7	State of residence	GB

III-2	<b>Applicant and/or inventor</b>	
III-2-1	This person is:	applicant and inventor
III-2-2	Applicant for	US only
III-2-4	Name (LAST, First)	CHENG, Hua
III-2-5	Address:	Dept of Chemical & Process Engineering Merz Court University of Newcastle Newcastle upon Tyne, Tyne and Wear NE1 7RU United Kingdom
III-2-6	State of nationality	CN
III-2-7	State of residence	GB
IV-1	<b>Agent or common representative; or address for correspondence</b> The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:	agent
IV-1-1	Name (LAST, First)	WATSON, Robert, J.
IV-1-2	Address:	Mewburn Ellis York House 23 Kingsway London, Greater London WC2B 6HP United Kingdom
IV-1-3	Telephone No.	020 7240 4405
IV-1-4	Facsimile No.	020 7240 9339
IV-1-5	e-mail	robert.watson@mewburn.com
IV-2	<b>Additional agent(s)</b>	additional agent(s) with same address as first named agent
IV-2-1	Name(s)	ARMITAGE, Ian, A.; BRASNETT, Adrian, H.; CALDERBANK, T., Roger; COLEIRO, Raymond; CRIPPS, Joanna, E.; DENISON, Christopher, M.; FORD, Michael, F.; HACKNEY, Nigel, J.; HARRISON, David, C.; HARRISON, Susan, J; KIDDLE, Simon, J.; KREMER, Simon, M.; LYONS, June, M.; NAYLOR, Matthew, J.; NICHOLLS, Kathryn, M.; PAGET, Hugh, C.E.; SANDERSON, Michael, J.; STONER, G., Patrick; STUART, Ian; SUTCLIFFE, Nicholas, R.; WALTON, Sean, M.

<b>V</b>	<b>Designation of States</b>	
<b>V-1</b>	Regional Patent (other kinds of protection or treatment, if any, are specified between parentheses after the designation(s) concerned)	<p>AP: GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW and any other State which is a Contracting State of the Harare Protocol and of the PCT</p> <p>EA: AM AZ BY KG KZ MD RU TJ TM and any other State which is a Contracting State of the Eurasian Patent Convention and of the PCT</p> <p>EP: AT BE BG CH&amp;LI CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR and any other State which is a Contracting State of the European Patent Convention and of the PCT</p> <p>OA: BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG and any other State which is a member State of OAPI and a Contracting State of the PCT</p>
<b>V-2</b>	National Patent (other kinds of protection or treatment, if any, are specified between parentheses after the designation(s) concerned)	<p>AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH&amp;LI CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW</p>
<b>V-5</b>	<b>Precautionary Designation Statement</b>  In addition to the designations made under items V-1, V-2 and V-3, the applicant also makes under Rule 4.9(b) all designations which would be permitted under the PCT except any designation(s) of the State(s) indicated under item V-6 below. The applicant declares that those additional designations are subject to confirmation and that any designation which is not confirmed before the expiration of 15 months from the priority date is to be regarded as withdrawn by the applicant at the expiration of that time limit.	
<b>V-6</b>	<b>Exclusion(s) from precautionary designations</b>	<b>NONE</b>
<b>VI-1</b>	<b>Priority claim of earlier national application</b>	
VI-1-1	Filing date	28 August 2002 (28.08.2002)
VI-1-2	Number	0219955.2
VI-1-3	Country	GB

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VI-2	<b>Priority document request</b> The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) identified above as item(s):	<b>VI - 1</b>	
VII-1	<b>International Searching Authority Chosen</b>	<b>European Patent Office (EPO) (ISA/EP)</b>	
VIII	<b>Declarations</b>	<b>Number of declarations</b>	
VIII-1	Declaration as to the identity of the inventor	-	
VIII-2	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent	-	
VIII-3	Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application	-	
VIII-4	Declaration of inventorship (only for the purposes of the designation of the United States of America)	-	
VIII-5	Declaration as to non-prejudicial disclosures or exceptions to lack of novelty	-	
IX	<b>Check list</b>	<b>number of sheets</b>	<b>electronic file(s) attached</b>
IX-1	Request (including declaration sheets)	5	-
IX-2	Description	47	-
IX-3	Claims	3	-
IX-4	Abstract	1	EZABST00.TXT
IX-5	Drawings	10	-
IX-7	TOTAL	66	
	<b>Accompanying items</b>	<b>paper document(s) attached</b>	<b>electronic file(s) attached</b>
IX-8	Fee calculation sheet	✓	-
IX-10	Original general power of attorney	✓	-
IX-11	Copy of general power of attorney	✓	-
IX-17	PCT-EASY diskette	-	Diskette
IX-18	Other (specified):	Form 23/77	-
IX-19	Figure of the drawings which should accompany the abstract	2	
IX-20	Language of filing of the international application	English	
X-1	<b>Signature of applicant, agent or common representative</b>		
X-1-1	Name (LAST, First)	WATSON, Robert, J.	

## FOR RECEIVING OFFICE USE ONLY

10-1	<b>Date of actual receipt of the purported international application</b>	
10-2	<b>Drawings:</b>	
10-2-1	Received	
10-2-2	Not received	

10-3	Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application	
10-4	Date of timely receipt of the required corrections under PCT Article 11(2)	
10-5	International Searching Authority	ISA/EP
10-6	Transmittal of search copy delayed until search fee is paid	

## FOR INTERNATIONAL BUREAU USE ONLY

11-1	Date of receipt of the record copy by the International Bureau	
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A fuel cell (1) having an electrode comprising an electrocatalyst (32) on a support (30) wherein the support is a mesh of conductive material, is disclosed, as well as a method of operating such a fuel cell by contacting a fuel or an oxidant on said electrode.

## PC: ANNEX - FEE CALCULATION SHEET)

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(This sheet is not part of and does not count as a sheet of the international application)

0	For receiving Office use only	
0-1	International Application No.	
0-2	Date stamp of the receiving Office	
0-4	Form - PCT/RO/101 (Annex) PCT Fee Calculation Sheet Prepared using	PCT-EASY Version 2.92 (updated 01.07.2003)
0-9	Applicant's or agent's file reference	RJW/6170203
2	Applicant	NEWCASTLE UNIVERSITY VENTURES LIMITED, et al.
12	Calculation of prescribed fees	fee amount/multiplier      Total amounts (GBP)
12-1	Transmittal fee      T	⇒      55
12-2-1	Search fee      S	⇒      640
12-2-2	International search to be carried out by	EP
12-3	International fee	
	Basic fee (first 30 sheets)      b1	278
12-4	Remaining sheets	36
12-5	Additional amount      (X) 6	
12-6	Total additional amount      b2	216
12-7	b1 + b2 =      B	494
12-8	Designation fees	
	Number of designations contained in international application	97
12-9	Number of designation fees payable (maximum 5)	5
12-10	Amount of designation fee      (X) 60	
12-11	Total designation fees      D	300
12-12	PCT-EASY fee reduction      R	-86
12-13	Total International fee (B+D-R)      I	⇒      708
12-14	Fee for priority document	
	Number of priority documents requested	1
12-15	Fee per document      (X) 22	
12-16	Total priority document fee      P	⇒      22
12-17	TOTAL FEES PAYABLE (T+S+I+P)	⇒      1,425
12-19	Mode of payment	cheque

## VALIDATION LOG AND REMARKS

13-2-3	Validation messages Names	Green? Applicant 1.:Telephone No. missing
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PC<sup>™</sup> .NNEX - FEE CALCULATION SHEET)

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		Green? Applicant 1.:Facsimile No. missing
13-2-7	Validation messages Contents	Green? Reference number for attached copy of general power of attorney not indicated.



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**PCT-EASY INFORMATION SHEET****VALIDATION LOG**

	<b>Names</b>
<b>Green?</b>	Applicant 1.:Telephone No. missing
<b>Green?</b>	Applicant 1.:Facsimile No. missing
	<b>Contents</b>
<b>Green?</b>	Reference number for attached copy of general power of attorney not indicated.

Before submitting the International Application, please carefully verify that:

- the information contained on printed Request form is correct;
- Box X of the Request form has been signed;
- all elements of the International application as indicated in Boxes VIII and IX of the Request form have been attached; and,
- the diskette containing the PCT-EASY zip file of the International Application has been enclosed and has been clearly labeled

**ATTENTION**

DO NOT modify any indications on the Request form printout. The electronic version of the PCT-EASY application has been locked. If an error or an omission is discovered at this time, you must reopen the stored form for submission, perform necessary amendments and immediately resubmit the form. Finally, a NEW submission diskette must be created manually by resending the corrected stored form to the diskette. The previously created printout and submission diskette must be destroyed in order to prevent the possibility of erroneously sending it to the RO.